

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012 OMB 0651-006  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	10	to	Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket No.: 080587			
					Complete if known			
					10/531,077			
					2005-04-12			
					Proctor et al.			

Examiner Initials*	Cite No.	Document Number Number/Kind Code (if known)	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	001	US4000467	12-28-1976	Lentz et al.	
	002	US4061970	12-06-1977	Magneron et al.	
	003	US4124825	11-07-1978	Webb et al.	
	004	US4701935	10-20-1987	Namiki et al.	
	005	US4922259	05-01-1990	Hall et al.	
	006	US5280480	01-18-1994	Pitt et al.	
	007	US5349463	09-20-1994	Mironashi et al.	
	008	US5371734	12-06-1994	Fischer et al.	
	009	US5373503	12-13-1994	Chen et al.	
	010	US5408197	04-18-1995	Miyake et al.	
	011	US5430726	07-04-1995	Moorwood et al.	
	012	US5485486	01-16-1996	Gilhausen, Klein S. et al.	
	013	US5609028	04-16-1996	Marque-Pucheu et al.	
	014	US5608755	03-04-1997	Rakib et al.	
	015	US5610916	03-11-1997	Kostreski et al.	
	016	US5648984	07-15-1997	Kroninger et al.	
	017	US5654979	08-05-1997	Levin, Jeffrey A. et al.	
	018	US5678198	10-14-1997	Lemson et al.	
	019	US5726980	03-10-1998	Rickard et al.	
	020	US5732334	03-24-1998	Miyake et al.	
	021	US5754540	05-19-1998	Liu et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional).  
See Kind Code of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).  
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document issued by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to fit (and by the USPTO to process), an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012. OMB 0651-00  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/531,077
		Filing Date	2005-04-12
		First Named Inventor	Proctor et al.
		Art Unit	2618
Examiner Name		SOBUTKA, PHILIP	
Sheet	2	of	10
		Attorney Docket No: 080587	

Examiner Initials*	Cite No.†	Document Number Number-Kind Code (if known)	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	022	US5764636	06-09-1998	Edsall et al.	
	023	US5784683	07-21-1998	Sistanizadeh et al.	
	024	US5852629	12-22-1998	Iwamatsu et al.	
	025	US5857144	01-05-1999	Mangum et al.	
	026	US5884181	03-16-1999	Arnold et al.	
	027	US5963846	10-05-1999	Kurby et al.	
	028	US6014380	01-11-2000	Hendel et al.	
	029	US6032194	02-29-2000	Gai et al.	
	030	US6061548	05-09-2000	Reudink et al.	
	031	US6088570	07-11-2000	Komara et al.	
	032	US6101400	08-08-2000	Ogaz et al.	
	033	US6108364	08-22-2000	Weaver, Jr et al.	
	034	US6128512	10-03-2000	Trompower et al.	
	035	US6188694	02-13-2001	Fine et al.	
	036	US6196051	02-27-2001	McCoy et al.	
	037	US6202114	03-13-2001	Dutt et al.	
	038	US6215982	04-10-2001	Trompower et al.	
	039	US6219739	04-17-2001	Dutt et al.	
	040	US6222503	04-24-2001	Gietema et al.	
	041	US6272351	08-07-2001	Langston et al.	
	042	US6285863	09-04-2001	Zhang et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. † Applicant is to place a check mark here if English language translation is attached to this collection of information. ‡ Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012 OMB 0651-0011  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449-PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	3	of	10	Application Number <b>10/531,077</b> Filing Date <b>2005-04-12</b> First Named Inventor <b>Proctor et al.</b> Art Unit <b>2618</b> Examiner Name <b>SOBUTKA, PHILIP</b>			
				Attorney Docket No: 080587			

Examiner Initials*	Cite No.†	Document Number Number-Kind Code (if known)	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	043	US62988061	10-02-2001	Chin et al.	
	044	US6304563	10-16-2001	Blessent et al.	
	045	US6304575	10-16-2001	Carroll et al.	
	046	US6331792	12-18-2001	Tonietto et al.	
	047	US6339694	01-15-2002	Komara et al.	
	048	US6342777	01-29-2002	Takahashi et al.	
	049	US6363068	03-26-2002	Kinoshita et al.	
	050	US6370185	04-09-2002	Schmutz et al.	
	051	US6370369	04-09-2002	Kraiem et al.	
	052	US6377612	04-23-2002	Baker et al.	
	053	US6377640	04-23-2002	Trans et al.	
	054	US6388995	05-14-2002	Gai et al.	
	055	US6473131	10-29-2002	Neugebauer et al.	
	056	US6501955	12-31-2002	Durrant et al.	
	057	US6535732	03-18-2003	McIntosh et al.	
	058	US6539204	03-25-2003	Marsh et al.	
	059	US6549567	04-15-2003	Fullerton et al.	
	060	US6628624	09-30-2003	Mahajan et al.	
	061	US6671502	12-30-2003	Ogawa et al.	
	062	US6684058	01-27-2004	Karacaoglu et al.	
	063	US6718160	04-06-2004	Schmutz et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). † See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ‡ Either Office that issued the document, by the two-letter code (WIPO Standard ST 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 19 if possible. § Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to be obtained by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012. OMB 0651-0012. U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number 10/531,077	
		Filing Date 2005-04-12	
		First Named Inventor Proctor et al.	
		Art Unit 2618	
		Examiner Name SOBUTKA, PHILIP	
Sheet 4 of 10	Attorney Docket No.: 080587		

U.S. PATENT DOCUMENTS				Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No.†	Document Number (if known)	Publication Date MM-DD-YYYY	
	064	US6728541	04-27-2004	Ohkura et al.
	065	US6781544	08-24-2004	Saliga et al.
	066	US6906669	06-14-2005	Sabet et al.
	067	US6934511	08-23-2005	Lovinggood et al.
	068	US6944139	09-13-2005	Campanella et al.
	069	US6957042	10-18-2005	Williams et al.
	070	US6983162	01-03-2006	Garani et al.
	071	US6985516	01-10-2006	Easton et al.
	072	US6990313	01-24-2006	Yarkosky et al.
	073	US7027418	04-11-2006	Gan et al.
	074	US7058368	06-06-2006	Nicholls et al.
	075	US7088734	08-08-2006	Newberg et al.
	076	US7103344	09-05-2006	Menard et al.
	077	US7123676	10-17-2006	Gebara et al.
	078	US7132988	11-07-2006	Yegin et al.
	079	US7133391	11-07-2006	Belcea et al.
	080	US7139527	11-21-2006	Tamaki et al.
	081	US7193975	03-20-2007	Tsutsumi et al.
	082	US7194275	03-20-2007	Bolin et al.
	083	US7200134	04-03-2007	Proctor, Jr et al.
	084	US7215964	05-08-2007	Miyake et al.

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. A Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. † Applicant is to place a check mark here if English language translation is attached (This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-766-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PS/

/Philip Sobutka/ 10/23/2010

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control num

Approved for use through 07/31/2012 OMB 0651-C  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449-PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	5	of	10	Complete if Known	
				Application Number	10/531,077
				Filing Date	2005-04-12
				First Named Inventor	Proctor et al
				Art Unit	2618
Examiner Name				SOBUTKA, PHILIP	
Attorney Docket No.				080587	

U.S. PATENT DOCUMENTS			Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No.	Document Number (if known)		
	085	US7233771	Proctor, Jr et al.	
	086	US7299005	Yarkosky et al.	
	087	US7319714	Sakata et al.	
	088	US7409186	Van Buren et al.	
	089	US7430397	Suda et al.	
	090	US7486929	Van Buren et al.	
	091	US7590145	Futch et al.	
	092	US7623826	Pergal et al.	
	093	US7676194	Rappaport et al.	
	094	US20070286110	James A. JR et al	
	095	US20010031646	Williams, Terry L et al.	
	096	US20020045461	Bongfeldt, David et al.	
	097	US20020061031	Sugar, Gary L et al.	
	098	US20020102948	Stanwood, Kenneth L et al.	
	099	US20020115409	Khayrallah, Ali S et al.	
	100	US20020136268	Gan, Hongbing et al.	
	101	US20020141435	Newberg, Donald G et al.	
	102	US20020163902	Takao, Toshiaki et al.	
	103	US20020177401	Judd, Mano D et al.	
	104	US20030026363	Stoter, Jan et al.	
	105	US20030139175	Kim, Jong-Hwan et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.19 if possible. \*Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012. OMB 0651-0001  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	6	of	10	Complete If Known	
				Application Number	10/531,077
				Filing Date	2005-04-12
				First Named Inventor	Proctor et al.
				Art Unit	2618
Examiner Name				SOBUTKA, PHILIP	
Attorney Docket No.				080587	

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code (if known)	U.S. PATENT DOCUMENTS		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	106	US20030179734	09-25-2003	Tsutsumi, Takayuki et al.	
	107	US20030236069	12-25-2003	Sakata, Ren et al.	
	108	US20040029537	02-12-2004	Pugel, Michael Anthony et al.	
	109	US20040038707	02-26-2004	Kim, Hyeon Seog et al.	
	110	US20040047333	03-11-2004	Han, Sung-Chul et al.	
	111	US20040047335	03-11-2004	Proctor, James Arthur JR et al.	
	112	US20040110469	06-10-2004	Judd, Mano D et al.	
	113	US20040131025	07-08-2004	Dohler, Mischa et al.	
	114	US20040146013	07-29-2004	Song, Peter Chun Teck et al.	
	115	US20040166802	08-26-2004	McKay, David L. SR et al.	
	116	US20040176050	09-09-2004	Steer, David et al.	
	117	US20040198295	10-07-2004	Nicholls, Charles T et al.	
	118	US20040218683	11-04-2004	Batra, Anuj et al.	
	119	US20040229563	11-18-2004	Fitton, Michael Philip et al.	
	120	US20040264511	12-30-2004	Futch, Richard J et al.	
	121	US20050014464	01-20-2005	Larsson, Peter et al.	
	122	US20050030891	02-10-2005	Stephens, Adrian P et al.	
	123	US20050130587	06-16-2005	Suda, Hirohito et al.	
	124	US20050201315	09-15-2005	Lakkis, Ismail et al.	
	125	US20050254442	11-17-2005	Proctor, James A. JR et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\* EXAMINER, initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional).  
 See kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. a. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. b. Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PS/

/Philip Sobutka/ 10/23/2010

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012. OMB 0651  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

P10/SB/08a (1)

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number		10/531,077	
Filing Date		2005-04-12	
First Named Inventor		Proctor et al.	
Art Unit		2618	
Examiner Name		SOBUTKA, PHILIP	
Attorney Docket No: 060587			

Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code 2(if known)			
	126	US20060035643		02-16-2006	Vook et al.	
	127	US20060052066		03-09-2006	Cleveland et al.	
	128	US20060052099		03-09-2006	Parker et al.	
	129	US20060056352		03-16-2006	Proctor et al.	
	130	US20060063485		03-23-2006	Gainey et al.	
	131	US20060098592		05-11-2006	Proctor Jr et al.	
	132	US20060262026		11-23-2006	Gainey et al.	
	133	US20070025349		02-01-2007	Bajic et al.	
	134	US20070121546		05-31-2007	Zuckerman et al.	
	135	US20080057862		03-06-2008	Smith et al.	
	136	US20080233942		09-25-2008	Kim et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code 3-Number 4 Kind Code 5 (if known)	Number			
	137	WO	0208857A2	01-31-2002	CADENCE DESIGN SYSTEMS INC [US]	
	138	WO	2004062305A1	07-22-2004	WIDEFI INC [US] et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional).  
 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document by the two-letter code (WIPO Standard ST: For Japanese Patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450.  
 If you need assistance in completing the form, call 1-800-PTO-9799 (1-800-786-9799) and select option 2.



Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2012. OMB 0665-1-00  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	8	of	10	Complete if Known	
				Application Number	10/531,077
				Filing Date	2005-04-12
				First Named Inventor	Proctor et al.
				Art Unit	2618
Examiner Name				SOBUTKA, PHILIP	
Attorney Docket No:				080587	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	139	ANDRISANO, et al., "On the Spectral Efficiency of CPM Systems over Real Channel in the Presence of Adjacent Channel and CoChannel Interference: A Comparison between Partial and Full Response Systems, IEEE Transactions on Vehicular Technology, Vol. 39, No. 2, May 1990.	
	140	Copy of First Office Action issued from the Chinese Patent Office in connection with corresponding Chinese application No. 200380101286.2, 01-2007	
	141	Draft Corrigendum to IEEE Standard for Local and Metropolitan Area Networks- Part 16: Draft IEEE Standard for Fixed Broadband Wireless Access Systems, IEEE P802.16-2004/Cor1/D5.	
	142	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems, Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands, 10-2005	
	143	IEEE 802.16(e), Part 16: Air Interface for Fixed Broadband Wireless Access Systems, 2005, Sections 8.4.10.2.1, 8.4.10.3.2, 05-2004	
	144	International Search Report - PCT/US03/031515 - IS/AUS, Alexandria, VA 04-14-04.	
	145	KANNANGARA, et al., "Analysis of an Adaptive Wideband Duplexer with Double-Loop Cancellation," IEEE Transactions on Vehicular Technology, vol. 56, no. 4, July 2007, pp. 1971-1982	
	146	KUTLU, et al., "Performance Analysis of MAC Protocols for Wireless Control Area Network," 1996 IEEE, pp. 494-499	
	147	Office communication dated January 12, 2007 issued from the European Patent Office for counterpart application No. 03734139.9-1246	
	148	Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412	
	149	Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412	
	150	Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2	
	151	Specifications for 2.3 GHz Band Portable Internet Service - Physical & Medium Access Control Layer, TRS KO-06 0082/R1, December 2005	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional).  
 See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3).  
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached to this collection of information. Confidentiality is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process), an application. Confidentiality is governed by 35 U.S.C. 1.122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
 If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PS/



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

Approved for use through 07/31/2012. OMB 095  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number		10/531,077
Filing Date		2005-04-12
First Named Inventor		Proctor et al.
Art Unit		2618
Examiner Name		SOBUTKA, PHILIP
Attorney Docket No: 080587		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	152	Third Office Action issued from the Patent Office of People's Republic of China dated January 4, 2008 in corresponding Chinese Patent Application No. 200380101286.2
	153	U.S. PTO Office Action mailed on April 17, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.
	154	U.S. PTO Office Action mailed on January 24, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.
	155	U.S. PTO Office Action mailed on November 21, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.
	156	U.S. PTO Office Action mailed on November 6, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST for Japanese Patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST 16 if possible. 4 Applicant is to place a check mark here if English language translation is attached (this collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is (awarded by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.